

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	420	516/98.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:50
L2	169	516/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L3	1306584	crystal or nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L4	15136	amphiphilic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L5	2326014	carbox\$5 or COOH or hydroxy\$2 or OH or sulfon\$5 or sulphon\$5 or SO3H or "SO.sub.3H" or amin\$3 or NH2 or "NH.sub.2" or phosphon\$3 or PO3H2 or "PO.sub.3H.sub.2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L6	32331	(sol adj gel) or sol\$1gel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L7	338512	(alkoxide or halide or fluoride or chloride or bromide or iodide or hydroxide) near5 (silicon or Si or titanium or Ti or zirconium or Zr or aluminum or Al or vanadium or V or iron or Fe or tin or Sn or tantalum Ta or cerium or Ce or chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51

## EAST Search History

L8	4554386	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) near5 (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L9	290230	((acrylic or methacrylic or meth\$1acrylic or (meth adj acrylic) adj acid) or polyacrylicacid or polymethacrylicacid or (poly\$1acrylic or (poly adj acrylic) or poly\$1methacrylic or (poly adj methacrylic) or (poly adj meth\$1acrylic) or (poly adj meth adj acrylic) adj acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L10	23	((acrylic adj acid) or polyacrylicacid or (poly\$1acrylic or (poly adj acrylic) adj acid)) near5 (octylamine or (octyl adj amine) or octyl\$1amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:51
L11	0	L3 L4 L5 L6 L7 L8 L9 L10	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:51
L12	0	L3 L4 L5 L6 L7 L8 L9	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:56
L13	0	L3 L4 L6 L7 L8 L9	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:57
L14	0	L3 L4 L6 L8 L9	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:57
L15	1	L3 L4 L6 L8	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:58
L16	2	L3 L4 L6	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:58
L17	0	L3 L4 L5 L6 L7 L8 L9 L10	USOCR	AND	ON	2007/03/13 10:59
L19	0	L3 L4 L5 L6 L7 L8 L9	USOCR	AND	ON	2007/03/13 10:59

## EAST Search History

L20	0	L3 L4 L6 L7 L8 L9	USOCR	AND	ON	2007/03/13 11:00
L21	0	L3 L4 L6 L8 L9	USOCR	AND	ON	2007/03/13 11:00
L22	0	L3 L4 L6 L8	USOCR	AND	ON	2007/03/13 11:00
L23	0	L3 L4 L6	USOCR	AND	ON	2007/03/13 11:01
L24	1	L3 L4 L5 L6 L7 L8 L9 L10	US-PGPUB; USPAT	AND	ON	2007/03/13 11:01
L25	36	L3 L4 L5 L6 L7 L8 L9	US-PGPUB; USPAT	AND	ON	2007/03/13 11:02
L26	1	(L3 same L8) (L4 same L5 same L9) (L6 same L7)	US-PGPUB; USPAT	AND	ON	2007/03/13 11:05
L27	3	(L3 same L8) (L4 same L5) (L6 same L7)	US-PGPUB; USPAT	AND	ON	2007/03/13 11:06
L28	17987	PbSe or Pb\$1Se or (Pb adj Se) or Lead\$1Selenium or (Lead adj Selenium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 11:07
L29	1306584	crystal or nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 11:07
L30	32331	(sol adj gel) or sol\$1gel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 11:07
L31	2	L28 and L29 and L30	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 11:07
L32	2	L28 and L29 and L30	USOCR	OR	ON	2007/03/13 11:08
S1	1156762	crystal or nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:22
S2	12340	amphiphilic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:22

## EAST Search History

S3	2159406	carbox\$5 or COOH or hydroxy\$2 or OH or sulfon\$5 or sulphon\$5 or SO3H or "SO.sub.3H" or amin\$3 or NH2 or "NH.sub.2" or phosphon\$3 or PO3H2 or "PO.sub.3H.sub.2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:23
S4	26965	(sol adj gel) or sol\$1gel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:24
S5	313098	(alkoxide or halide or fluoride or chloride or bromide or iodide or hydroxide) near5 (silicon or Si or titanium or Ti or zirconium or Zr or aluminum or Al or vanadium or V or iron or Fe or tin or Sn or tantalum Ta or cerium or Ce or chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:27
S6	4133406	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) near5 (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:29
S7	266785	((acrylic or methacrylic or meth\$1acrylic or (meth adj acrylic)) adj acid) or polyacrylicacid or polymethacrylicacid or (poly\$1acrylic or (poly adj acrylic) or poly\$1methacrylic or (poly adj methacrylic) or (poly adj meth\$1acrylic) or (poly adj meth adj acrylic) adj acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:34
S8	14	((acrylic adj acid) or polyacrylicacid or (poly\$1acrylic or (poly adj acrylic) adj acid)) near5 (octylamine or (octyl adj amine) or octyl\$1amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 07:36
S9	0	S1 S2 S3 S4 S5 S6 S7 S8	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/16 07:39

## EAST Search History

S10	0	S1 S2 S3 S4 S5 S6 S7	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/16 07:36
S11	0	S1 S2 S4 S5 S6 S7	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/16 07:37
S12	0	S1 S2 S4 S6 S7	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/16 07:37
S13	1	S1 S2 S4 S6	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/16 07:38
S14	2	S1 S2 S4	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/16 07:38
S15	0	S1 S2 S3 S4 S5 S6 S7 S8	USOCR	AND	ON	2005/11/16 07:40
S16	0	S1 S2 S3 S4 S5 S6 S7	USOCR	AND	ON	2005/11/16 07:41
S17	0	S1 S2 S4 S5 S6 S7	USOCR	AND	ON	2005/11/16 07:40
S18	0	S1 S2 S4 S6 S7	USOCR	AND	ON	2005/11/16 07:40
S19	0	S1 S2 S4 S6	USOCR	AND	ON	2005/11/16 07:40
S20	0	S1 S2 S4	USOCR	AND	ON	2005/11/16 07:40
S21	1	S1 S2 S3 S4 S5 S6 S7 S8	US-PGPUB; USPAT	AND	ON	2005/11/16 07:41
S22	27	S1 S2 S3 S4 S5 S6 S7	US-PGPUB; USPAT	AND	ON	2005/11/16 07:44
S23	1	(S1 same S6) (S2 same S3 same S7) (S4 same S5)	US-PGPUB; USPAT	AND	ON	2005/11/16 07:49
S24	2	(S1 same S6) (S2 same S3) (S4 same S5)	US-PGPUB; USPAT	AND	ON	2005/11/16 07:48
S25	160	(S1 same S6) (S4 same S5)	US-PGPUB; USPAT	AND	ON	2005/11/16 07:48
S26	46	(S1 same S6) (S4 same S5) and surfactant	US-PGPUB; USPAT	AND	ON	2005/11/16 07:49
S27	27	(S1 same S6) (S7 or S8) (S4 same S5)	US-PGPUB; USPAT	AND	ON	2005/11/16 07:50
S28	21	S27 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/11/16 14:20
S29	162	516/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:03

## EAST Search History

S30	410	516/98.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:02
S31	403	S30 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:03
S32	17535	PbSe or Pb\$1Se or (Pb adj Se) or Lead\$1Selenium or (Lead adj Selenium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:09
S33	1156762	crystal or nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:15
S34	26965	(sol adj gel) or sol\$1gel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:17
S35	483	S33 and S34	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:09
S36	2	S32 and S33 and S34	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:14
S37	2	S32 and S33 and S34	USOCR	OR	ON	2005/11/16 10:14
S38	95	S32 and S33 and S34	US-PGPUB; USPAT	OR	ON	2005/11/16 10:15
S39	3891	nanocrystal or nano\$1crystal or (nano adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:15
S40	48	S32 and S39 and S34	US-PGPUB; USPAT	OR	ON	2005/11/16 10:15
S41	23	(S32 same S39) and S34	US-PGPUB; USPAT	OR	ON	2005/11/16 10:17

## EAST Search History

S42	13	S41 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/11/16 10:16
S43	26985	(sol adj gel) or sol\$1gel or solgel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 10:17
S44	110	(S43 same S39) and S34	US-PGPUB; USPAT	OR	ON	2005/11/16 10:18
S45	23	(S32 same S39) and S43	US-PGPUB; USPAT	OR	ON	2005/11/16 10:18
S46	1	"5093286".pn.	USPAT	OR	ON	2005/11/16 10:24
S47	3	(US-6645444-\$ or US-6262129-\$ or US-6869545-\$).did.	USPAT	OR	ON	2005/11/16 10:25
S48	14	((acrylic adj acid) or polyacrylicacid or (poly\$1acrylic or (poly adj acrylic) adj acid)) near5 (octylamine or (octyl adj amine) or octyl\$1amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:57
S49	5	S48 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/11/16 14:27
S50	3891	nanocrystal or nano\$1crystal or (nano adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:26
S51	242	S50 and ((volume or vol) near5 (load\$4 percent\$4 "%"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:30
S52	4133406	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) near5 (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:42

## EAST Search History

S53	226	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:31
S54	169	S53 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/11/16 14:41
S55	18	S50 with ((volume or vol) near5 (load\$4 percent\$4 "%"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:30
S56	0	S55 with S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:31
S57	14	S55 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:31
S58	10	S57 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/11/16 14:41
S59	747	S50 with S52	US-PGPUB; USPAT	AND	ON	2005/11/16 14:43
S60	5	S55 and S59	US-PGPUB; USPAT	AND	ON	2005/11/16 14:43
S61	3	S60 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/11/16 14:43
S62	9114521	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) same (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 15:26
S63	1	"20020155507".pn.	US-PGPUB; USPAT	OR	ON	2005/11/16 14:49



## EAST Search History

S64	6024703	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) with (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 15:26
S65	931	S50 with S64	US-PGPUB; USPAT	AND	ON	2005/11/16 15:32
S66	7	S55 and S65	US-PGPUB; USPAT	AND	ON	2005/11/16 15:33
S67	4	S66 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/11/16 15:33
S68	410	516/98.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:42
S69	162	516/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:42
S70	1163437	crystal or nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43
S71	12468	amphiphilic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43
S72	2166821	carbox\$5 or COOH or hydroxy\$2 or OH or sulfon\$5 or sulphon\$5 or SO3H or "SO.sub.3H" or amin\$3 or NH2 or "NH.sub.2" or phosphon\$3 or PO3H2 or "PO.sub.3H.sub.2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43

## EAST Search History

S73	27186	(sol adj gel) or sol\$1gel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43
S74	314082	(alkoxide or halide or fluoride or chloride or bromide or iodide or hydroxide) near5 (silicon or Si or titanium or Ti or zirconium or Zr or aluminum or Al or vanadium or V or iron or Fe or tin or Sn or tantalum Ta or cerium or Ce or chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43
S75	4145937	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) near5 (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43
S76	267734	((acrylic or methacrylic or meth\$1acrylic or (meth adj acrylic) adj acid) or polyacrylicacid or polymethacrylicacid or (poly\$1acrylic or (poly adj acrylic) or poly\$1methacrylic or (poly adj methacrylic) or (poly adj meth\$1acrylic) or (poly adj meth adj acrylic) adj acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43
S77	14	((acrylic adj acid) or polyacrylicacid or (poly\$1acrylic or (poly adj acrylic) adj acid)) near5 (octylamine or (octyl adj amine) or octyl\$1amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:43
S78	0	S70 S71 S72 S73 S74 S75 S76 S77	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/07 06:43
S79	0	S70 S71 S72 S73 S74 S75 S76	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/07 06:43
S80	0	S70 S71 S73 S74 S75 S76	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/07 06:43

## EAST Search History

S81	0	S70 S71 S73 S75 S76	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/07 06:43
S82	1	S70 S71 S73 S75	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/07 06:43
S83	2	S70 S71 S73	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/07 06:43
S84	0	S70 S71 S72 S73 S74 S75 S76 S77	USOCR	AND	ON	2005/12/07 06:43
S85	0	S70 S71 S72 S73 S74 S75 S76	USOCR	AND	ON	2005/12/07 06:43
S86	0	S70 S71 S73 S74 S75 S76	USOCR	AND	ON	2005/12/07 06:44
S87	0	S70 S71 S73 S75 S76	USOCR	AND	ON	2005/12/07 06:44
S88	0	S70 S71 S73 S75	USOCR	AND	ON	2005/12/07 06:44
S89	0	S70 S71 S73	USOCR	AND	ON	2005/12/07 06:44
S90	1	S70 S71 S72 S73 S74 S75 S76 S77	US-PGPUB; USPAT	AND	ON	2005/12/07 06:44
S91	27	S70 S71 S72 S73 S74 S75 S76	US-PGPUB; USPAT	AND	ON	2005/12/07 06:44
S92	1	(S70 same S75) (S71 same S72 same S76) (S73 same S74)	US-PGPUB; USPAT	AND	ON	2005/12/07 06:44
S93	2	(S70 same S75) (S71 same S72) (S73 same S74)	US-PGPUB; USPAT	AND	ON	2005/12/07 06:45
S94	162	(S70 same S75) (S73 same S74)	US-PGPUB; USPAT	AND	ON	2005/12/07 06:45
S95	48	(S70 same S75) (S73 same S74) and surfactant	US-PGPUB; USPAT	AND	ON	2005/12/07 06:45
S96	162	(S70 same S75) (S73 same S74)	US-PGPUB; USPAT	AND	ON	2005/12/07 06:53
S97	48	(S70 same S75) (S73 same S74) and surfactant	US-PGPUB; USPAT	AND	ON	2005/12/07 06:54
S98	29	(S70 same S75) (S76 or S77) (S73 same S74)	US-PGPUB; USPAT	AND	ON	2005/12/07 06:54
S99	21	S98 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/12/07 06:54
S100	17556	PbSe or Pb\$1Se or (Pb adj Se) or Lead\$1Selenium or (Lead adj Selenium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:54

## EAST Search History

S10 1	1163437	crystal or nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:55
S10 2	27186	(sol adj gel) or sol\$1gel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:55
S10 3	484	S101 and S102	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:56
S10 4	2	S100 and S101 and S102	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:56
S10 5	2	S100 and S101 and S102	USOCR	OR	ON	2005/12/07 06:56
S10 6	97	S100 and S101 and S102	US-PGPUB; USPAT	OR	ON	2005/12/07 06:56
S10 7	3971	nanocrystal or nano\$1crystal or (nano adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:56
S10 8	50	S100 and S107 and S102	US-PGPUB; USPAT	OR	ON	2005/12/07 06:56
S10 9	25	(S100 same S107) and S102	US-PGPUB; USPAT	OR	ON	2005/12/07 06:57
S11 0	14	((acrylic adj acid) or polyacrylicacid or (poly\$1acrylic or (poly adj acrylic) adj acid)) near5 (octylamine or (octyl adj amine) or octyl\$1amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:57
S11 1	5	S110 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/12/07 06:57
S11 2	3971	nanocrystal or nano\$1crystal or (nano adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:58

## EAST Search History

S11 3	244	S112 and ((volume or vol) near5 (load\$4 percent\$4 "%"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:58
S11 4	4145937	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) near5 (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:58
S11 5	228	S113 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 06:59
S11 6	170	S115 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/12/07 06:59
S11 7	18	S112 with ((volume or vol) near5 (load\$4 percent\$4 "%"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 07:02
S11 8	0	S117 with S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 07:03
S11 9	14	S117 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 07:03
S12 0	10	S119 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/12/07 07:03
S12 1	762	S112 with S114	US-PGPUB; USPAT	AND	ON	2005/12/07 07:04

## EAST Search History

S12 2	5	S117 and S121	US-PGPUB; USPAT	AND	ON	2005/12/07 07:04
S12 3	3	S122 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/12/07 07:04
S12 4	6043791	(zinc or Zn or cadmium or Cd or mercury or Hg or aluminum or Al or gallium or Ga or indium or In or thallium or Tl or lead or Pb or tin or Sn or magnesium or Mg or calcium or Ca or strontium or Sr or barium or Ba) with (sulfur or sulphur or S or selenium or Se or tellurium or Te or arsenic or As or antimony or Sb or nitrogen or N or phosphorus or P or silicon or Si or germanium or Ge or silver or Ag or gold or Au or cobalt or Co or iron or Fe or nickel or Ni or copper or Cu or manganese or Mn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 07:04
S12 5	948	S112 with S124	US-PGPUB; USPAT	AND	ON	2005/12/07 07:04
S12 6	7	S117 and S125	US-PGPUB; USPAT	AND	ON	2005/12/07 07:04
S12 7	4	S126 and (@pd<="20021116" or @ad<="20031116")	US-PGPUB; USPAT	AND	ON	2005/12/07 07:06
S12 8	1	"20050107478".pn.	US-PGPUB; USPAT	AND	ON	2005/12/07 07:06